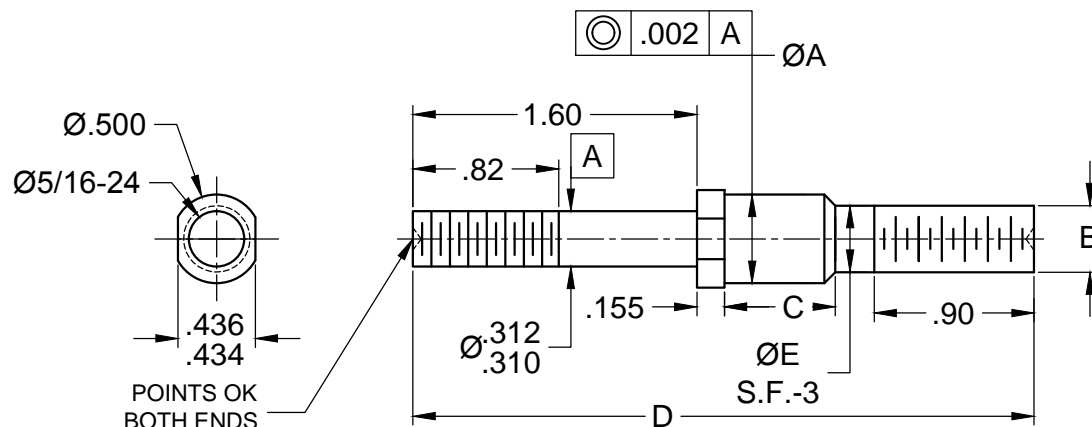
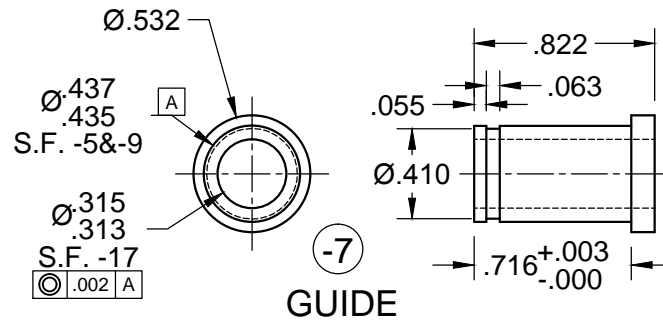


-11
STUD

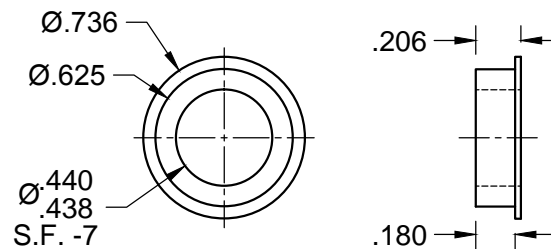


BEARING # BACB10	TOOL #	ØA +.000 -.002	B	C +.000 -.010	D +.010 -.010	ØE +.000 -.002	MATERIAL	-27 SWIVEL FLANGE NUT
FB04-AMT	KSCFB04P	.248	1/4-20 UNC	-	2.875	.248	4140 Q&T RND. BAR Ø1/2 x 3	1/4-20 UNC MCMaster-CARR PN: 90477A029
FB06	KSCFB06P	.373	3/8-16 UNC	-	3.500	.373	4140 Q&T RND. BAR Ø1/2 x 3-5/8	3/8-16 UNC MCMaster-CARR PN: 90477A031
FB07	KSCFB07P	.435	3/8-16 UNC	.625	3.500	.373	4140 Q&T RND. BAR Ø1/2 x 3-5/8	3/8-16 UNC MCMaster-CARR PN: 90477A031

RED BARN MACHINE	
TITLE PORT. BEARING CUTTER; STUD	
DWG NO. TOOL#(see chart)-11	REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	FRACTIONS ± 1/32 ANGLES ± 5°
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-26-08
SHEET 6 of 6	



GUIDE



BUSHING

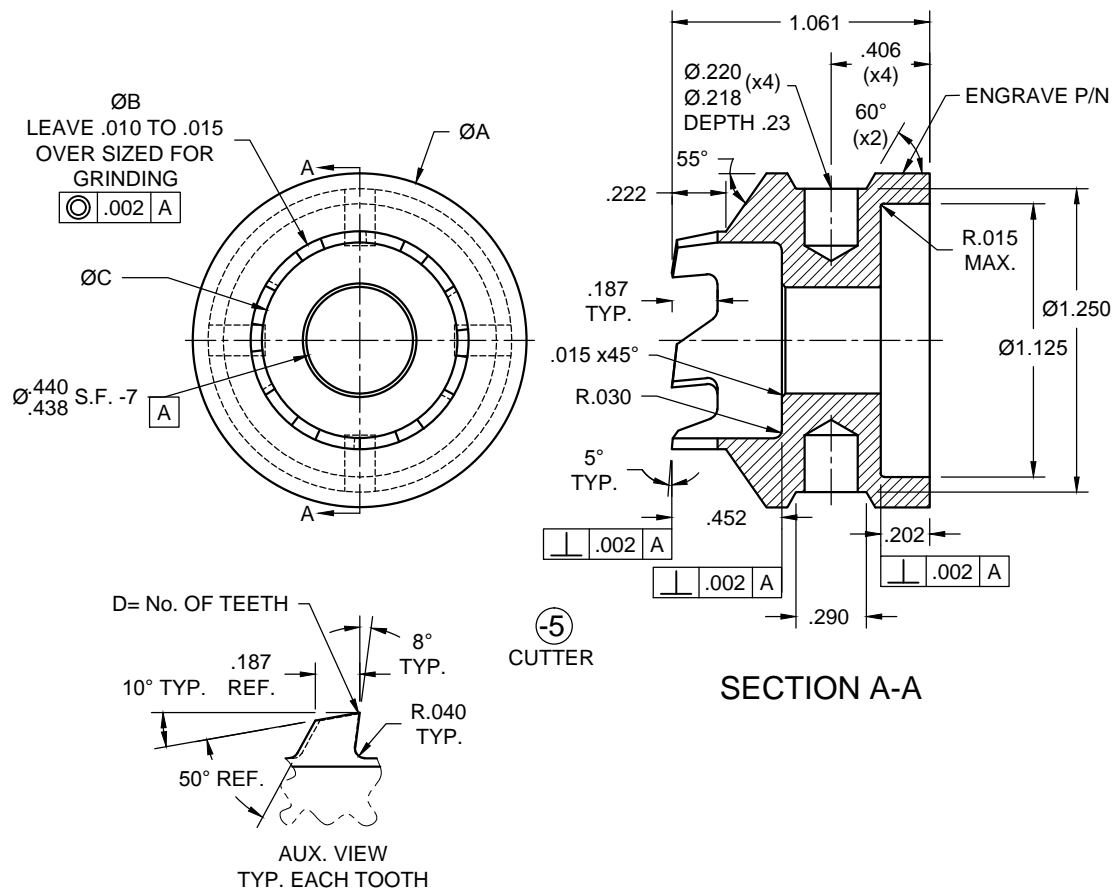
NOTE

1. DIMENSIONS FOR -7 &-9 ARE STANDARD FOR THESE PORTABLE BEARING CUTTERS.

TOOL #
KSCFB04P
KSCFB06P
KSCFB07P

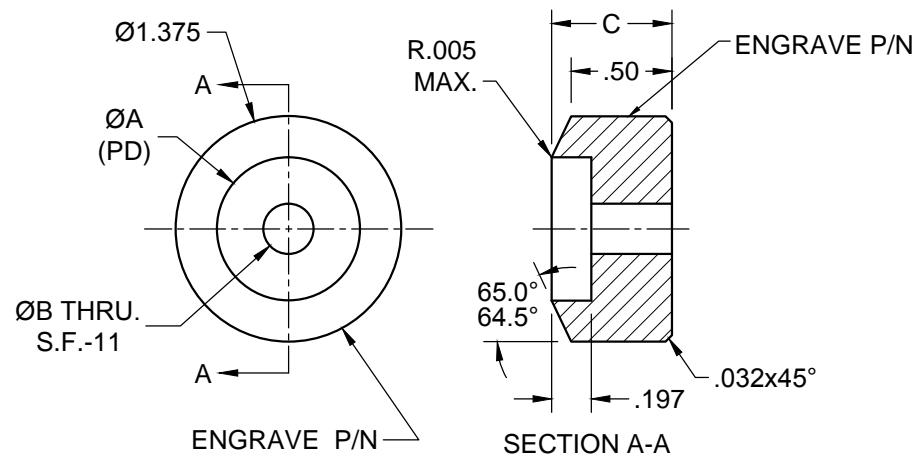
PART #	DESCRIPTION	MATERIAL
-7	GUIDE	BRONZE RND. BAR Ø5/8 x 1
-9	BUSHING	BRONZE RND. BAR Ø3/4 x 3/8

RED BARN MACHINE			
TITLE PORT. BEARING CUTTER; GUIDE & BUSHING			
DWG NO. TOOL#(see chart)-7 & -9			REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT TREAT	
XXX ± .005		FINISH	
XX ± .01		SPEC	
X ± .1		USED ON BEARING	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	3-26-08
		SHEET	5 of 6



BEARING # BACB10	TOOL #	ØA +.000 -.010	ØB +.000 -.002	ØC +.000 -.005	D TOOTH AMT.	BRG. O.D.	MATERIAL
FB04-AMT	KSCFB04P	1.375	.677	.557	6	.6875	0-1 DRILL ROD Ø1-3/8 x 1-7/16
FB06	KSCFB06P	1.375	.865	.745	8	.8750	0-1 DRILL ROD Ø1-3/8 x 1-7/16
FB07	KSCFB07P	1.375	.990	.870	8	1.000	0-1 DRILL ROD Ø1-3/8 x 1-7/16

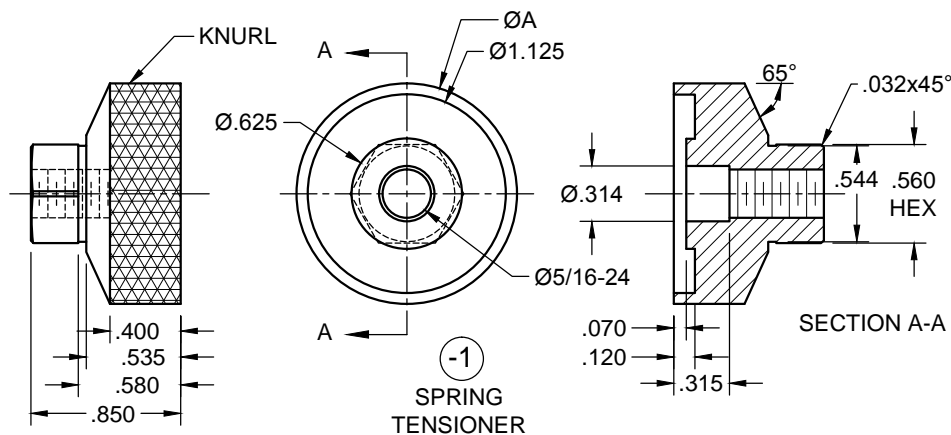
RED BARN MACHINE	
TITLE PORT. BEARING CUTTER; CUTTER	
DWG NO. TOOL#(see chart)-5	REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-26-08
SHEET 4 of 6	
DRAWN BY: PERRITT	
APPROVED	
HEAT TREAT RC 55-60	
FINISH SPEC BLACK OXIDE	
USED ON BEARING	
SEE CHART	




(-3)
SEAT

BEARING # BACB10	TOOL #	ØA +.002 -.000	ØB +.002 -.000	C +.005 -.005	MATERIAL
FB04-AMT	KSCFB04P	.617	.251	.681	4140 Q&T RND. BAR Ø1-3/8 x 7/8
FB06	KSCFB06P	.775	.376	.681	4140 Q&T RND. BAR Ø1-3/8 x 7/8
FB07	KSCFB07P	.900	.376	.681	4140 Q&T RND. BAR Ø1-3/8 x 7/8

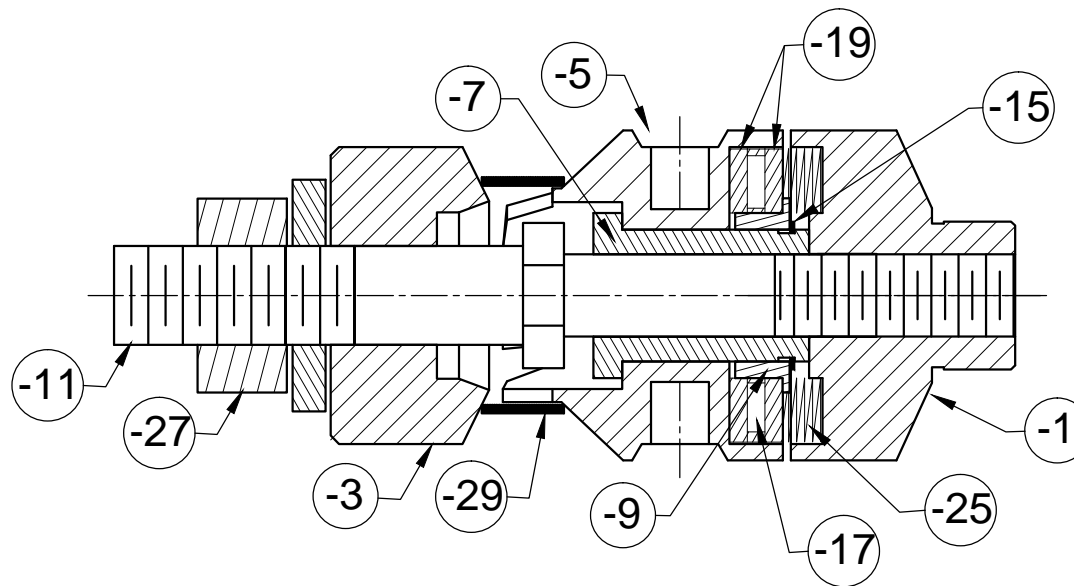
RED BARN MACHINE	
TITLE PORT. BEARING CUTTER; SEAT	
DWG NO. TOOL#(see chart)-3	REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH BLACK OXIDE SPEC USED ON BEARING SEE CHART
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 3-26-08 SHEET 3 of 6



BEARING # BACB10	TOOL #	ØA +.000 -.010	MATERIAL
FB04-AMT	KSCFB04P	1.375	1018 RND. BAR Ø1-3/8 x 1-1/8
FB06	KSCFB06P	1.375	1018 RND. BAR Ø1-3/8 x 1-1/8
FB07	KSCFB07P	1.375	1018 RND. BAR Ø1-3/8 x 1-1/8

 RED BARN MACHINE			
TITLE PORT. BEARING CUTTER; SPRING TENSIONER			
DWG NO. TOOL#(see chart)-1			REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1		DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH BLACK OXIDE SPEC USED ON BEARING SEE CHART	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE NTS	
DATE 3-26-08		SHEET 2 of 6	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	WIDENED -5 CUTTER TEETH FROM .045 TO .060.	4/28/06	WP	DW
2	ADDED FB06 & FB07 TO LISTS	11/4/08	WP	RW



BEARINGS & TOOLS COVERED	
BEARING #	TOOL #
BACB10 FB04-AMT	KSCFB04P
BACB10 FB06	KSCFB06P
BACB10 FB07	KSCFB07P
BACB10	
BACB10	
BACB10	

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MAT.	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	SPRING TENSIONER		SEE CHART	2
			-3	1	SEAT		SEE CHART	3
			-5	1	CUTTER		SEE CHART	4
			-7	1	GUIDE		SEE CHART	5
			-9		BUSHING		SEE TABLE	5
			-11	1	STUD		SEE CHART	6
		B/O	-15	1	EXTERNAL SPIRAL RETAINING RING		Ø3/8 SHAFT MCMaster-CARR PN: 91665A340	1
		B/O	-17	1	THRUST BEARING		Ø5/8 ID. x 1-1/8 OD. x 5/64 APPLIED PN: NTA-1018	1
		B/O	-19	2	THRUST WASHERS		Ø5/8 ID. x 1-1/8 OD. x 1/16 APPLIED PN: TRB-1018	1
		B/O	-23	1	SPANNER WRENCH		MCMaster-CARR PN: 5475A12	N/S
		B/O	-25	1	CREST TO CREST SPRING		APPLIED IND, (SMALLEY CO. PN: CS112-H2)	1
		B/O	-27	1	SWIVEL HEX FLANGE NUT	BLACK	SEE CHART	6
		B/O	-29	1	TOOTH GUARD (FOR SHIPPING ONLY)	TUBE VINYL	SEE -5 ØB PAGE 4 FOR INSIDE DIA. OF TUBE x 5/8 LENGTH	1
ASSY #								

RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTERS	
DWG NO. SEE CHART ABOVE FOR TOOL No.	REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS .XXX ± .005 FRACTIONS ± 1/32	
.XX ± .01 ANGLES ± 5°	
X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-26-08
SHEET 1 of 6	

NOT APPROVED FOR PRODUCTION



RED BARN MACHINE

NOT APPROVED FOR PRODUCTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	1	--

DRAWN BY: PERRITT	<div><div>RB</div>RED BARN MACHINE</div>		
CHECKED	TITLE		
HEAT TREAT FINISH SPEC	TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	FRACTIONS ± 1/32 ANGLES ±.5°		REV.
USED ON MODEL ?	DWG NO. PART #		
	SCALE NTS	DATE 1-28-06	SHEET 1 of 1
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		